

Shaughnessy No.: 059101

Date Out of EAB: 04 MAY 1983

To: Jay Ellenberger  
Product Manager 12  
Registration Division (TS-767)

From: Richard V. Moraski, Head (acting) *R. Moraski*  
Review Section 1  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769c)

Attached please find the EFB review of...

Reg./File No.: 464-448

Chemical: Chlorpyrifos

Type Product: Insecticide

Product Name: Lorsban 4E

Company Name: Dow

Submission Purpose: Label Amendment: Use on Grapes

ZBB Code: 3(c)(7)

ACTION CODE: 305

Date In: 4/19/83

EFB # 3324

Date Completed: 5/4/83

TAIS (level II)

Days

63

0.2

## 1.0 INTRODUCTION

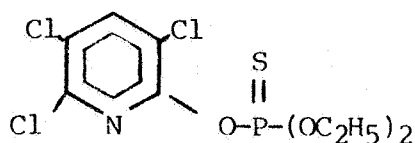
On 2/2/83, EAB completed its review of a requested amendment to the Lorsban 4E label (Registration #464-448) to include use on grapes to control the grape root borer. The amendment was conditionally accepted.

The current submission is for the same crop, but with slightly different targets and use rates.

## 2.0 CHEMICAL

Chlorpyrifos:

O,O-Diethyl-O-3,5,6-trichloro-2-pyridyl-phosphorothioate



## 3.0 PROPOSED DIRECTIONS FOR USE

GRAPES: Use LORSBAN 4E insecticide by application as a broadcast foliar spray to control variegated and spotted cutworm, orange tortrix, omnivorous leafroller, and grape leafroller at the rate of 1 quart per acre. Mix the specified dosage in a minimum of 25 gallons of water and apply as a dilute or concentrated spray.

LORSBAN 4E should not be tank mixed with pesticides, surfactants, or fertilizer formulations unless prior use has shown the combination noninjurious under your conditions of use. Phytotoxicity may occur when LORSBAN 4E is applied to grapes experiencing high temperatures and drought stress.

Restrictions: Do not make more than 3 applications per season or apply within 45 days before harvest. Do not use in conjunction with a soil surface spray application of LORSBAN 4E for grape root borer control.

## 3.0 DISCUSSION OF DATA

No additional data were submitted. Existing EF data have been previously reviewed and found acceptable for this use.

## 4.0 RECOMMENDATIONS

EAB concurs with the proposed label amendment.

Emil Regelman  
Chemist  
EAB/HED (TS-769c)  
May 4, 1983